Watershed Evaluations

03060103-020

(Savannah River/Lake Hartwell)

General Description

Watershed 03060103-020 is located in Anderson County and consists primarily of the ***Savannah River*** as it flows through ***Lake Hartwell***. This watershed occupies 8,784 acres of the Piedmont region of South Carolina. The predominant soil types consist of an association of the Cecil-Madison-Pacolet series. The erodibility of the soil (K) averages 0.26, and the slope of the terrain averages 12%, with a range of 2-40%. Land use/land cover in the watershed includes: 56.8% water, 24.7% forested land, 15.6% agricultural land, 1.4% urban land, 1.2% forested wetland, 0.2% nonforested wetland, and 0.1% barren land.

This uppermost reach of the Savannah River forms the lower end of Lake Hartwell. Lightwood Log Creek flows into the river on the Georgia side. There are no stream miles in this watershed, but 5,266.6 acres of lake waters within the South Carolina portion of the watershed, all classified FW.

Surface Water Quality

Station #	Type	Class	Description
SV-340	P	FW	LAKE HARTWELL, MAIN BODY AT USACE WQ BUOY BETWEEN MARKERS 11 & 12

Lake Hartwell (SV-340) - Aquatic life uses are fully supported. There is a significant increasing trend in pH. Significant decreasing trends in five-day biochemical oxygen demand and turbidity suggest improving conditions for these parameters. Recreational uses are fully supported and a significant decreasing trend in fecal coliform bacteria concentration suggests improving conditions for this parameter.

A fish consumption advisory has been issued by the Department for PCBs (Polychlorinated biphenols) and includes Lake Hartwell within this watershed (see advisory p.83).

Nonpoint Source Management Program

Land Disposal Activities

Land Application Sites

LAND APPLICATION SYSTEM FACILITY NAME	*ND# TYPE*
SPRAYFIELD HARTWELL VILLAS ASSOC., INC.	ND0067041 DOMESTIC
GOLF COURSE STONE CREEK COVE HOMEOWNERS ASSOC.	ND0067032 DOMESTIC

Growth Potential

There is a low potential for growth in this watershed.